

EXPRESS MAIL RECEIPT NO. EV303794435US
Practitioner's Docket No. 41650.2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent application

of Scott Wofford, Dale L. Phillips, Jr. and Paul Harris

for METHODS FOR TREATING VICTIMS OF CEREBROVASCULAR DISEASE

the specification of which is being transmitted herewith

Mail Stop Patent Application
P.O. Box 1450
Commissioner for Patents
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Copies of the following references along with a Form PTO-1449B are submitted
herewith:

United States Patents

	<u>U.S. Patent No.</u>	<u>Patentee</u>	<u>Date</u>
1.	4,019,518	Maurer et al.	04/26/1977
2.	4,323,073	Ferris	04/06/1982
3.	4,324,253	Greene et al.	04/13/1982
4.	4,532,938	Carlisle	08/06/1985
5.	4,926,865	Oman	05/22/1990
6.	5,300,096	Hall et al.	04/05/1994
7.	6,026,328	Peckham et al.	02/15/2000
8.	6,035,236	Jarding et al.	03/07/2000
9.	6,275,735 B1	Jarding et al.	08/14/2001
10.	6,493,592 B1	Leonard et al.	12/10/2002
11.	6,500,857 B1	Perricone	12/31/2002
12.	6,516,226 B1	Bishay et al.	02/04/2003
13.	6,522,927 B1	Bishay et al.	02/18/2003
14.	6,539,264 B1	Bishay et al.	03/25/2003
15.	6,542,780 B1	Leonard	04/01/2003

16.	6,549,797 B1	Leonard et al.	04/15/2003
17.	6,556,869 B1	Leonard et al.	04/29/2003

Other References

1. CHAE ET AL., "Percutaneous, Intramuscular Neuromuscular Electrical Stimulation for the Treatment of Shoulder Subluxation and Pain in Chronic Hemiplegia," Case Report, pp. 296-301, *Am. J. Phys. Med. Rehabil.*, (Copyright 2002) Vol. 80, No. 4.
2. DENT ET AL. "Functional electrical stimulation for limb motor dysfunction following stroke," *The Wessex Institute*, 11 pp., Steer 2001; Vol 1: No. 16.
3. KAYE, "Transcutaneous Electrical Nerve Stimulation," *eMedicine Journal*, 4 pp., January 29, 2002, Vol. 3, No. 1.
4. RENZENBRINK ET AL., "Percutaneous Neuromuscular Electrical Stimulation (P-NMES) for the Treatment of Painful Shoulder Subluxation I Chronic Hemiplegia," Roessingh and Research and Development, *Rehabilitation centre Het Roessingh, Enschede, the Netherlands*. 1 p., No date available but admitted to be prior art.
5. Publication entitled "HUMAN MOTOR NERVE CONDUCTION," ADInstruments, 5 pp., Copyright August 2002, Document No.: INB09a.
6. Internet Web page article entitled "Percutaneous electrical nerve stimulation: an alternative to TENS in the management of sciatica," Ghoname et al., *Pain*. 2 pp. (1999), Nov; 83(2): 193-9 (www.ncbi.nlm.nih.gov).
7. Internet Web page article entitled "Electrodes for Functional Electrical Stimulation," *NIH GUIDE*, 3 pp., Vol. 25, No. 3, Feb. 9, 1996 (www.grants1.nih.gov).
8. Internet Web page article entitled "A Discussion of the Madison Protocols for Medium Frequency Stimulation," Ventura, Jr, *Dynamic Chiropractic*, 5 pp. (Jul. 7, 2003), (www.chiroweb.com).
9. Internet Web page article entitled "SUMMARY OF THE DIFFERENT TYPES OF ELECTRICAL STIMULATION," *Electrical Stimulation E-stim*, 14 pp., No date available but admitted to be prior art (www.injurednewborn.com).
10. Internet Web page article entitled "Percutaneous Electrical Nerve Stimulation (PENS): A Promising Alternative-Medicine Approach to Pain Management," White et al., 7 pp., *APS Bulletin*, March/April 1999, Vol. 9, No. 2 (www.ampainsoc.org).
11. Internet Web page article entitled "Application of Faradic Stimulation," Amanda Lamb and David Ewins, 3 pp. (Oct. 1995), (www.surrey.ac.uk).

12. Internet Web page publication entitled "Science News Update," *JAMA and the Archives Journals*, 6 pp., Week of March 3, 1999 (www.ama-assn.org).

October 9, 2003

Date

Respectfully submitted,



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Attorney for Applicants

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	Not Yet Assigned
		Filing Date	Concurrently herewith
		First Named Inventor	Scott Wofford
		Art Unit	Unknown
		Examiner Name	Unknown
Sheet 1 of 2	Attorney Docket Number		41650.2

U. S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Document Number Number-Kind Code ²	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-4,019,518		Maurer et al.	04/26/1977
	2	US-4,323,073		Ferris	04/06/1982
	3	US-4,324,253		Greene et al.	04/13/1982
	4	US-4,532,938		Carlisle	08/06/1985
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	6	US-5,300,096		Hall et al.	04/05/1994
	7	US-6,026,328		Peckham et al.	02/15/2000
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	12	US-6,516,226 B1		Bishay et al.	02/04/2003
	13	US-6,522,927 B1		Bishay et al.	02/18/2003
	14	US-6,539,264 B1		Bishay et al.	03/25/2003
	15	US-6,542,780 B1		Leonard	04/01/2003
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FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T

EXAMINER

DATE CONSIDERED

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			<i>Complete if Known</i>		
			Application Number	Not Yet Assigned	
			Filing Date	Concurrently Herewith	
			First Named Inventor	Scott Wofford	
			Group Art Unit	Unknown	
			Examiner Name	Unknown	
Sheet	2	of	2	Attorney Docket Number	41650.2

Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	CHAE ET AL., "Percutaneous, Intramuscular Neuromuscular Electrical Stimulation for the Treatment of Shoulder Subluxation and Pain in Chronic Hemiplegia," Case Report, pp. 296-301, Am. J. Phys. Med. Rehabil, (Copyright 2002)Vol. 80, No. 4.	
	2	DENT ET AL. "Functional electrical stimulation for limb motor dysfunction following stroke," <i>The Wessex Institute</i> , 11 pp., Steer 2001; Vol 1: No. 16.	
	3	KAYE, "Transcutaneous Electrical Nerve Stimulation," <i>eMedicine Journal</i> , 4 pp., January 29, 2002, Vol. 3, No. 1.	
	4	RENZENBRINK ET AL., "Percutaneous Neuromuscular Electrical Stimulation (P-NMES) for the Treatment of Painful Shoulder Subluxation I Chronic Hemiplegia," Roessingh and Research and Development, <i>Rehabilitation centre Het Roessingh, Enschede, the Netherlands</i> . 1 p., No date available but admitted to be prior art.	
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	6	Internet Web page article entitled "Percutaneous electrical nerve stimulation: an alternative to TENS in the management of sciatica," Ghoname et al., Pain. 2 pp. (1999), Nov; 83(2): 193-9 (www.ncbi.nlm.nih.gov).	
	7	Internet Web page article entitled "Electrodes for Functional Electrical Stimulation," <i>NIH GUIDE</i> , 3 pp., Vol. 25, No. 3, Feb. 9, 1996 (www.grants1.nih.gov).	
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	11	Internet Web page article entitled "Application of Faradic Stimulation," Amanda Lamb and David Ewins, 3 pp. (Oct. 1995), (www.surrey.ac.uk).	
	12	Internet Web page publication entitled "Science News Update," <i>JAMA and the Archives Journals</i> , 6 pp., Week of March 3, 1999 (www.ama-assn.org).	

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English Translation is attached.

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